

BIT NUMBERS															
								0 0	0 0	0 1	0 1	1 0	1 0	1 1	1 1
b ₇	b ₆	b ₅	b ₄	b ₃	b ₂	b ₁	COLUMN ROW	0	1	2	3	4	5	6	7
			0	0	0	0	0	NUL	DLE	SP	0	@	P	^	p
			0	0	0	1	1	SOH	DC1	!	1	A	Q	a	q
			0	0	1	0	2	STX	DC2	"	2	B	R	b	r
			0	0	1	1	3	ETX	DC3	#	3	C	S	c	s
			0	1	0	0	4	EOT	DC4	\$	4	D	T	d	t
			0	1	0	1	5	ENQ	NAK	%	5	E	U	e	u
			0	1	1	0	6	ACK	SYN	&	6	F	V	f	v
			0	1	1	1	7	BEL	ETB	'	7	G	W	g	w
			1	0	0	0	8	BS	CAN	(	8	H	X	h	x
			1	0	0	1	9	HT	EM	)	9	I	Y	i	y
			1	0	1	0	10	LF	SUB	*	:	J	Z	j	z
			1	0	1	1	11	VT	ESC	+	;	K	[	k	{
			1	1	0	0	12	FF	FS	,	<	L	\	l	|
			1	1	0	1	13	CR	GS	-	=	M	]	m	}
			1	1	1	0	14	SO	RS	.	>	N	^	n	~
			1	1	1	1	15	SI	US	/	?	O	_	o	DEL

NUL Null, or all zeros

SOH Start of heading

STX Start of text

ETX End of text

EOT End of transmission

ENQ Enquiry

ACK Acknowledge

BEL Bell, or alarm

BS Backspace

HT Horizontal tabulation

LF Line feed

VT Vertical tabulation

FF Form feed

CR Carriage return

SO Shift out

SI Shift in

DLE Data link escape

DC1 Device control 1

DC2 Device control 2

DC3 Device control 3

DC4 Device control 4

NAK Negative acknowledge

SYN Synchronous idle

ETB End of transmission block

CAN Cancel

EM End of medium

SUB Substitute

ESC Escape

FS File separator

GS Group separator

RS Record separator

US Unit separator

SP Space

DEL Delete

Fig. 30—Recommended USA Standard Code for Information Interchange (USASCII) X3.4—1967 for use on tape.

© 1967 USA Standards Institute. Reprinted by permission.

WIRE

Bias D
modulation
state are
duration of

Characteristic
transients which
present in the tra
its transmission qu

Fortuitous Distortio
random causes.

Cyclic Distortion:
characteristic, bias, n
general has a periodic

End Distortion (As
printer signals): The

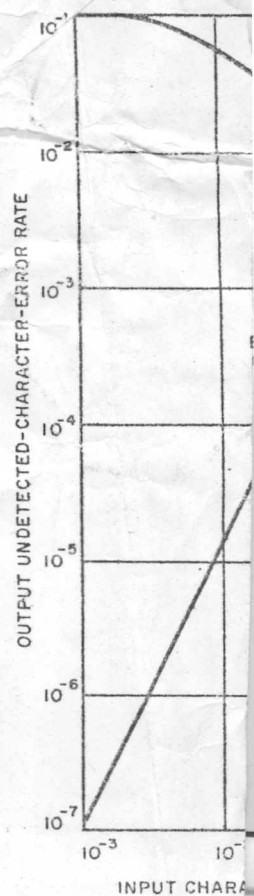


Fig. 31—Net speed and ARQ equipment. (Normalized to 60 words per minute)